

ASBESTOS ASSESSMENT SURVEY

H-K Building #: 33
Project Number: 0980193E
Project: G. HEILEMAN BREWERY "E"
Date Inspected: 03/28/89
Inspector: CURT BAXTER

Building Number: 33
Building Name: WAREHOUSE
SEATTLE, WASHINGTON 98134
Building Type: WAREHOUSE
Year Constructed: 1954

*****	AREA NUMBER: 01	AREA DESCRIPTION: 1st Floor	AREA AVERAGE % ASBESTOS: 58%	*****
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LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
N & S-at E wall-above electric shop	00-356183	65%	pipe covering	OMA	60 ft.	4 in. O.D.	LPS/R	34	III	\$535	\$335	\$870
above women's break room	00-356183	65%	pipe covering	OMA	30 ft.	8 in. O.D.	LPS/R	34	III	\$424	\$303	\$727
running N & S thru center-NW corner	00-356183	65%	pipe covering	OMA	80 ft.	4 in. O.D.	LPS/R	34	III	\$714	\$446	\$1,160
running N & S thru center-NW corner	00-356183	65%	pipe covering	OMA	340 ft.	8 in. O.D.	LPS/R	34	III	\$4,811	\$3,437	\$8,248
above women's break room	00-356183	65%	pipe covering	OMA	22 ft.	6 in. O.D.	LPS/R	34	III	\$286	\$178	\$464
above women's break room	00-356183	65%	pipe covering	OMA	50 ft.	4 in. O.D.	LPS/R	34	III	\$446	\$279	\$725
above women's break room	00-356190	30%	wrapped cardboard/paper pipe	OMA	40 ft.	2 in. O.D.	DW	34	III	\$357	\$223	\$580
above women's break room	01-356184	60%	mjp on pipe covering	OMA	12 4 in.	O.D.	LPS/R	34	III	\$337	\$187	\$524
running N & S thru center-NW corner	01-356184	60%	mjp on pipe covering	OMA	8 4 in.	O.D.	LPS/R	34	III	\$225	\$125	\$350
running N & S thru center-NW corner	01-356184	60%	mjp on pipe covering	OMA	45 8 in.	O.D.	LPS/R	34	III	\$2,166	\$1,273	\$3,439
above women's break room	01-356184	60%	mjp on pipe covering	OMA	5 8 in.	O.D.	LPS/R	34	III	\$241	\$141	\$382
N & S-at E wall-above electric shop	01-356184	60%	mjp on pipe covering	OMA	4 4 in.	O.D.	LPS/R	34	III	\$112	\$62	\$174
above women's break room	01-356184	60%	mjp on pipe covering	OMA	14 6 in.	O.D.	LPS/R	34	III	\$542	\$318	\$860
	01-356185	65%						34	III			
	01-356186	70%						34	III			
along east wall-at ceiling-running N & S	02-356187	10%	mjp on non-suspect pipe cover	OMA	15 8 in.	O.D.	HPS/R	34	III	\$722	\$424	\$1,146
	02-356188	10%						34	III			
	02-356189	10%						34	III			
above women's break room	03-356191	75%	mjp on wrapped cardboard/paper	OMA	14 2 in.	O.D.	DW	34	III	\$393	\$219	\$612
	03-356192	70%						34	III			
	03-356193	70%						34	III			
above women's break room-SE corner	04-356194	65%	boiler/tank insulation	OMB	4 sq.ft.			34	III	\$113	\$91	\$204
	04-356195	70%						34	III			
	04-356196	65%						34	III			

AREA COMMENTS

The materials are in good condition. The materials are approximately 8' to 40' from the floor. If removal is planned, gross removal procedures are recommended. This appears to be a high traffic area.

AREA # 01 TOTAL \$12,424 \$8,041 \$20,465

*****	AREA NUMBER: 02	AREA DESCRIPTION: 1st Floor	AREA AVERAGE % ASBESTOS: 40%	*****
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LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
above women's break room-center of area	08-356301	40%	debris	OMF	6 sq.ft.			85	I	\$100	\$0	\$100
	08-356302	40%						85	I			
	08-356303	40%						85	I			

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AREA COMMENTS

This debris consisted of sections of magnesia pipe lagging that are not crushed or broken. It is recommended, however, that the debris be removed as soon as possible, using gross removal procedures.

AREA # 02 TOTAL \$100 \$0 \$100

***** AREA NUMBER: 03 AREA DESCRIPTION: Parts Storage, QC Office & Utility Wash AREA AVERAGE % ASBESTOS: 33% *****

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
ent to store rm-landing-ladies' break rm east wall-at entrance to utility wash rm east wall-at entrance to utility wash rm	00-356183	65%	pipe covering	OMA	8 ft. 4 in.	O.D. LPS/R	24	III		\$71	\$45	\$116
	00-356190	30%	wrapped cardboard/paper pipe	OMA	12 ft. 4 in.	O.D. DW	24	III		\$107	\$67	\$174
	03-356191	75%	mjp on wrapped cardboard/paper	OMA	5 4 in.	O.D. DW	24	III		\$140	\$78	\$218
	03-356192	70%					24	III				
ceilings throughout	03-356193	70%					24	III				
	06-356304	0%	acoustical tile	OMG	160 sq.ft.							
	06-356305	0%										
ceilings throughout	06-356306	0%										
	07-356307	0%	acoustical tile	OMG	80 sq.ft.							
	07-356308	0%										
	07-356309	0%										

AREA COMMENTS

The materials are in good condition with little or no contact and water damage. The materials are approximately 4' to 8' from the floor. At a minimum, it is recommended that the materials be repaired, then maintained and monitored. If removal is planned, glove bag removal procedures are recommended. This appears to be a high traffic area.

AREA # 03 TOTAL \$318 \$190 \$508

***** AREA NUMBER: 04 AREA DESCRIPTION: 2nd Floor AREA AVERAGE % ASBESTOS: 0% *****

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
ladies' break room-ceiling	05-356197	0%	acoustical tile	OMG	300 sq.ft.							
	05-356198	0%										
	05-356199	0%										

AREA COMMENTS

AREA # 04 TOTAL \$0 \$0 \$0

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BUILDING # 33	TOTAL	\$12,842	\$8,231	\$21,073
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